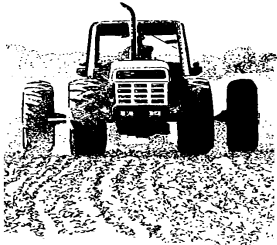


TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



<http://www.nass.usda.gov/tn>

Released Weekly April - November

2005 Weather Crop 09

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Week Ending May 29, 2005

CROPS REMAIN IN GOOD CONDITION, BUT RAIN IS NEEDED

Spring crops are mostly in the ground now and producers are awaiting a good steady rain to aid crop development. Despite one of the driest May’s on record, at week’s end crops remained rated in mostly good condition due primarily to good subsoil moisture. Despite this, forages and crops are beginning to show some signs of stress. Soybean planting continued at a good pace, three weeks ahead of normal, but rainfall is needed to get some highland fields to come up to a good stand. Over half of the planted acreage had emerged, two weeks ahead of the 5-year average. Emerged cotton is in a holding pattern with little growth occurring due to cool temperatures. Winter wheat had started to ripen, as two-thirds of the acreage is turning color. Tobacco growers transplanted almost one-fifth of their acreage last week. Hay producers made excellent progress on first cuttings, ahead of both last year and the 5-year average. Vine crops were showing some signs of stress due to lack of moisture. Strawberry harvest is winding down and yields are still reported as good. Other major agricultural field activities last week included applying insecticides, herbicides and side-dressing.

There were 7 days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 16 percent very short, 39 percent short, and 45 percent adequate. Subsoil moisture levels were rated 7 percent very short, 35 percent short, and 58 percent adequate. Last week, temperatures averaged near normal across West Tennessee, while Central and East Tennessee had below normal temperatures. Rainfall averaged well below normal across the whole State last week.

CROP PROGRESS: Through May 29, 2005					CONDITION: On May 27, 2005					
Crop	This Week	Last Week	2004	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
	Percent					Percent				
Winter Wheat - Turning Color	66	30	81	78	Winter Wheat	2	7	26	51	14
Wheat Ripe	4	na	8	7	Corn	2	6	27	47	18
Soybeans - Planted	81	70	51	40	Cotton	0	3	30	45	22
Soybeans - Emerged	52	31	27	26	Alfalfa Hay	0	3	25	63	9
Tobacco Transplanted	62	45	57	55	Other Hay	1	6	26	60	7
Alfalfa Hay - 1 st Cutting	87	68	83	77	Pastures	1	8	31	54	6
Other Hay - 1 st Cutting	71	49	67	58						

na = not available

CORN: Almost all of the State’s acreage had emerged and continued to be rated in mostly good condition. Corn producers spent last week scouting for insects and applying post-emerge herbicides.

WHEAT: Two-thirds of the crop is turning color with a small percentage ripe. Currently, winter wheat is rated in mostly fair-to-good condition with harvest expected to be on schedule.

COTTON: Virtually all cotton acreage has been planted and the crop is rated as mostly good, despite the lack of heat units. Farmers were spraying to control thrips and weeds.

SOYBEANS: Planting progress is three weeks ahead of the normal pace. Half of the acreage had emerged by week’s end. Some planting has been halted due to a lack of moisture.

TOBACCO: Over three-fifths of the State’s tobacco has been transplanted, a pace slightly ahead of last year and the 5-year average. Rain is needed in most areas to help transplants get off to a good start.

PASTURES & HAY: Hay producers took full advantage of the warm, dry weather to make excellent progress with their first cutting. As of Sunday, 87 percent of the alfalfa and 71 percent of all other hay had been harvested. Hay and pastures were rated in mostly fair-to-good condition.

TEMPERATURES AND PRECIPITATION For week ending: May 29 th , 2005 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending May 29, 2005				Current Week	Rain	Current Since	Departure From	Since April 1	
	HI	LO	AVG	DFN	05/29/05	Days	January 1	Normal	Total	DFN
Ames_Plantation	88	51	71	+0	0.00	0	22.67	-1.53	317	-52
Tri-City_RGNL_A	77	44	62	-6	0.22	4	16.23	-1.04	141	-17
Brownsville_TN	87	53	72	+0	0.00	0	19.95	-4.41	370	+120
Chattanooga/Lov	83	50	68	-3	0.00	0	18.01	-6.15	289	+12
Clarksville_Sew	83	48	68	-2	0.01	1	20.31	-1.84	290	+16
Cookeville	80	46	64	-5	0.00	0	20.12	-4.67	162	+46
Covington	88	53	71	-1	0.00	0	19.25	-4.98	318	-24
Crossville_AP	75	45	63	-3	0.00	0	21.62	-3.06	171	+16
Dickson_AG	81	44	65	-5	0.00	0	20.47	-3.39	198	-91
Dover_1W	83	46	67	-2	0.00	0	18.03	-5.13	248	+18
Dyersburg	90	54	71	-2	0.04	1	19.82	-2.24	375	-13
Erwin_1W	77	44	60	-5	0.38	3	17.91	-1.91	105	-107
Huntingdon_Wate	86	49	69	-2	0.00	0	19.38	-3.83	286	+44
Jackson_Exp_Stn	86	50	70	-1	0.00	0	21.33	-2.20	330	+10
Kingston_AG	81	47	65	-3	0.00	0	23.94	-1.74	188	+8
Knoxville_AP	80	47	66	-3	0.17	3	17.38	-3.53	251	+33
Lewisburg	83	42	65	-4	0.00	0	20.30	-4.29	197	-24
Lexington_TN	85	48	68	-2	0.00	0	19.32	-3.28	258	+134
Linden	84	48	67	-2	0.04	1	17.45	-7.60	249	+0
Martin	85	49	68	-3	0.00	0	17.68	-5.11	299	+12
Mc_Minnville_Tn	80	46	66	-3	0.00	0	17.27	-6.40	240	-109
Memphis_AG	89	54	72	-2	0.00	0	19.86	-3.79	359	-98
Milan	88	46	68	-3	0.00	0	18.63	-4.98	288	+3
Murfreesboro_5N	82	46	65	-5	0.00	0	20.16	-3.15	223	-155
Nashville_Metro	82	51	69	-3	0.00	0	20.12	-1.09	309	+2
Newcomb	79	42	62	-4	0.00	0	20.60	-2.69	137	+17
Oneida	78	45	62	-3	0.11	1	21.05	-2.24	153	-127
Pikeville	82	44	65	-5	0.04	1	16.42	-7.74	204	-17
Portland_TN	81	49	66	-3	0.02	1	21.73	-0.80	252	+37
Pulaski_Water_P	84	46	66	-6	0.24	1	20.85	-3.80	203	-121
Savannah_6SW	88	48	70	-2	0.10	2	20.49	-5.84	309	+47
Sparta_TN	80	44	65	-3	0.00	0	21.87	-2.32	218	+31
Springfield	82	43	65	-4	0.00	0	19.62	-2.14	248	+36
Springhill	84	45	66	-2	0.00	0	20.60	-4.28	239	+22
Union_City	87	50	68	-3	0.00	0	20.90	-1.70	255	-21
Waynesboro_TN	85	48	68	+0	0.05	1	17.61	-8.76	217	-79

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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